

APPROVED

PTO DEPARTMENT OF COMMERCE

Express Mail Number: EV 272907824 US

Date Deposited: 07/31/2003

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| UTILITY PATENT APPLICATION TRANSMITTAL | | Attorney Docket No. 5820.639 | |
|---|--|---|--------------------------|
| | | First Inventor Bradley P. Kropp | |
| | | Title URINARY TRACT TISSUE GRAFT COMPOSITIONS AND METHODS FOR PRODUCING SAME | |
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | | Express Mail Label No. EV 272907824 US | |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | | ADDRESS TO: Mail Stop Patent Appl., Comm. for Patents PO Box 1450 Alexandria, VA 22313-1450 | |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 59] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Redline Specification ____ pgs - Claim(s) - Clean Specification ____ pgs - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 11]</p> <p>5. Oath or Declaration [Total Pages] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p> | |
| | | ACCOMPANYING APPLICATION PARTS | |
| | | <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other:</p> | |
| 18. This application is: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) Prior application information: Examiner _____ of prior application No.: _____ Group Art Unit: _____ <input type="checkbox"/> As a CON, DIV, or CIP, this application contains one or more changes to (1) the specification; (2) drawings; or (3) claims in the above- identified prior application. A red-line version of the application showing these changes will be made available to the examiner upon request. | | | |
| 19. CORRESPONDENCE ADDRESS | | | |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | 30589 (Insert Customer No. or Attach bar code label here) | |
| Name | | Dunlap, Coddling & Rogers, P.C. | |
| Address | | P. O. Box 16370 Kathryn L. Hester, Ph.D. | |
| City | | State | OK |
| Country | | USA | Telephone (405) 607-8600 |
| | | Fax | (405) 607-8686 |
| Name (Print/Type) | | Kathryn L. Hester, Ph.D. | |
| Signature | | Registration No. (Attorney/Agent) | 46,768 |
| | | Date | 7-31-03 |

SEND TO: Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-145022241 U.S. PTO
10/631168
07/31/03

07/31/03

U.S. PTO

✓ U.S.

Patent fees are subject to annual revision.

| | | |
|-------------------------|------|-----|
| TOTAL AMOUNT OF PAYMENT | (\$) | 946 |
|-------------------------|------|-----|

| | |
|----------------------|------------------|
| Application Number | Not Yet Assigned |
| Filing Date | 07/31/2003 |
| First Named Inventor | Bradley P. Kropp |
| Examiner Name | Not Yet Assigned |
| Art Unit | Not Yet Assign |
| Attorney Docket No. | 5820.639 |

☐ Check ☐ Credit card ☐ Money Order ☐ ☐ None

Deposit
Account
Number
Deposit
Account
Name

04-1700

Dunlap, Coddling & Rogers, P.C.
Customer No. 30589

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | 375 |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

| | | |
|--------------|------|-----|
| SUBTOTAL (1) | (\$) | 375 |
|--------------|------|-----|

| | | Extra Claims | | Fee from below | Fee Paid |
|--------------------|----|--------------|----|----------------|----------|
| Total Claims | 55 | - 20 ** = | 35 | X 9 | = \$315 |
| Independent Claims | 6 | - 3 ** = | 3 | X 42 | = \$126 |
| Multiple Dependent | | | | | = \$0 |

| <u>Large Entity</u> | | <u>Small Entity</u> | | <u>Fee Description</u> |
|---------------------|----------|---------------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

| | | |
|--------------|------|-----|
| SUBTOTAL (2) | (\$) | 441 |
|--------------|------|-----|

****or number previously paid, if greater; For Reissues, see above**

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | 130 |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 130

| | |
|-------------------|--------------------------|
| Name (Print/Type) | Kathryn L. Hester, Ph.D. |
|-------------------|--------------------------|

| | |
|--------------------------------------|--------|
| Registration No. (Attorney/Agent) | 46,768 |
|--------------------------------------|--------|

Telephone (405) 607-8600

Signature

| | |
|------|------------|
| Date | 07/31/2003 |
|------|------------|

Mail Stop Patent Application
Commissioner for Patents
PO Box 1450, Alexandria, VA 22313-1450

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EXPRESS MAIL NO.: EV 272907824US
DATE DEPOSITED: JULY 31, 2003

PATENT

IN THE UNITED STATE PATENT AND TRADEMARK OFFICE

Applicant: Kropp et al.) Atty Dkt No: 5820.639
Serial No: Not Yet Assigned)
Filed: Herewith)
For: URINARY TRACT TISSUE)
GRAFT COMPOSITIONS AND)
METHODS FOR PRODUCING)
SAME)

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

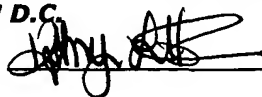
PETITION TO ACCEPT COLOR DRAWINGS OR PHOTOGRAPHS
(37 CFR § 1.84(a)(2) AND (b)(2))

1. This Petition is for the acceptance of color:

- ☐ drawings. (37 CFR § 1.84(a)(2))
- ☒ photographs (37 CFR § 1.84(b)(20))

****I hereby certify that due to the indefinite suspension of U.S. Post Office Express Mail services, and pursuant to U.S. Patent and Trademark Office ("USPTO") instructions on 11/19/2001. This **Petition T Accept Color Drawings Or Photographs** and accompanying application are being deposited on **July 31, 2003** by U.S. Express Mail No. **EV 272907824 US** addressed to: COMMISSIONER OF PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450. **IT IS FURTHER OUR UNDERSTANDING THAT THE USPTO WILL BE RESPONSIBLE FOR FORWARDING ALL OF THE ENCLOSED DOCUMENTS TO THE USPTO OFFICE LOCATED IN WASHINGTON D.C.****

Kathryn L. Hester, Ph.D.



7-31-03

registered representative

2. Attached hereto are three (3) sets of color:

☐ drawings.

☒ photographs.

3. The reason(s) for the need for color drawings or photographs in this application is/are as follows:

Figs. 2-7, 10 and 11 are photomicrographs in which different colored stains are used to locate certain cells. The colored stains include red, blue, green and brown. When presented in black and white, it is impossible to distinguish unstained cells from stained cells or delineate one stain from another, and therefore one cannot differentiate between stained and unstained cells or between cells that stain differently.

4. The petition fee required to waive the requirement of § 1.84 (37 CFR § 1.17(i) - \$130.00) is paid as follows:

☐ Attached is a

☐ check

☐ money order

in the amount of \$_____.

☒ Authorization is hereby made to charge the amount of \$130.00

☒ to Deposit Account No. 04-1700

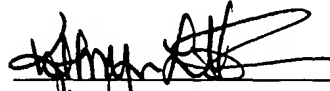
☐ to credit card as shown on the attached credit card
information authorization form PTO-2038.

☒ Charge any additional fees required by this paper or credit any

overpayment in the manner authorized above.

A duplicate of this paper is attached.

Respectfully submitted,



Kathryn L. Hester, Ph.D., Reg. No. 46,768

DUNLAP, CODDING & ROGERS, P.C.

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Agent for Applicant